

**COMMONWEALTH OF KENTUCKY  
ENERGY AND ENVIRONMENT CABINET  
DEPARTMENT FOR ENVIRONMENTAL PROTECTION  
DIVISION OF WATER**

DEC 28 2009

**APPLICATION FOR PERMIT TO CONSTRUCT ACROSS OR ALONG A STREAM  
AND / OR WATER QUALITY CERTIFICATION**

Chapter 151 of the Kentucky Revised Statutes requires approval from the Division of Water prior to any construction or other activity in or along a stream that could in any way obstruct flood flows or adversely impact water quality. *If the project involves work in a stream, such as bank stabilization, dredging or relocation, a 401 Water Quality Certification (WQC) from the Division of Water will be required.* This completed form will be forwarded to the Water Quality Branch for WQC processing. The project may not start until all necessary approvals are received from the KDOW. For questions concerning the WQC process, contact the WQC section at 502/564-3410.

If the project will disturb more than 1 acre of soil, A Notice of Intent for Storm Water Discharges will also be required. Both forms must be returned to the Floodplain Management Section of the Division of Water.

1. **OWNER:** Ron Brooks, Kentucky Dept. of Fish and Wildlife Resources 20086A  
Give name of person(s), company, governmental unit, or other owner of proposed project.  
**MAILING ADDRESS** 1 Sportsman's Ln, Frankfort KY 40601  
  
**TELEPHONE #:** (502) 564-7109 x4466 **EMAIL:** ron.brooks@ky.gov
2. **AGENT:** Dr. Arthur C. Parola, Jr., Director, University of Louisville Stream Institute  
Give name of person(s) submitting application, if other than owner.  
**ADDRESS:** Department of Civil and Environmental Engineering, University of Louisville, Louisville KY 40292  
  
**TELEPHONE #:** (502) 852-4599 **EMAIL:** a.parola@insightbb.com
3. **ENGINEER:** Mark N. French **P.E. NUMBER:** 18141  
Contact Division of Water if waiver can be granted.  
**TELEPHONE #:** (502) 852-0144 **EMAIL:** mark.french@louisville.edu
4. **DESCRIPTION OF CONSTRUCTION** Re-activate 16,550 ft of remnant Obion Creek channel through construction of  
List the items to be constructed on the floodplain  
4900 ft of perennial channel. Restore 1151 ft of Little Joe Creek channel through construction of 1950 ft of new channel by  
floodplain excavation. Restore dynamic floodplain hydroperiod through restoration of Obion and Little Joe Creek channels.  
Install large woody debris grade control structures in both constructed Obion and Little Joe Creek channels.
5. **COUNTY:** Hickman **NEAREST COMMUNITY:** Beulah, KY
6. **USGS QUAD NAME:** Dublin **LATITUDE/LONGITUDE:** 36.7383, -88.8685
7. **STREAM NAME:** Obion Cr.; Little Joe Cr.; unnamed ditch **WATERSHED SIZE (in acres):** 75,392; 3322; indefinable
8. **LINEAR FEET OF STREAM IMPACTED:** 1746
9. **DIRECTIONS TO SITE:** From Frankfort (about 274 mi): Bluegrass Pkwy W to I-65 S. Take exit 91 (near Elizabethtown)  
0.8 mi to merge onto US-31W/Western KY Pkwy W toward Wendell H. Ford Western Kentucky Pkwy/Paducah. Continue on  
Western KY Pkwy W for 136 mi. Take exit 1B to merge onto I-24 W toward Purchase Pkwy/Julian M. Carroll Purchase Pkwy/  
Paducah. Travel 16.8 mi to exit 25A. Merge onto Purchase Pkwy S toward Fulton. After 27.3 mi, continue on US-45 S for  
another 2.2 mi. Take exit 22 for KY-80 toward Fancy Farm/Mayfield. Turn right at W Broadway St/Fancy Farm Rd/KY-80.  
Continue to follow KY-80 for 8.3 mi. Turn right at KY-339/KY-80/State Route 339 N and go 80 yd. Turn left at KY-80/State  
Route 80 W. After 4.2 mi, turn left at KY-307. Continue to follow KY-307 about 4 mi to the site.

10. IS ANY PORTION OF THE REQUESTED PROJECT NOW COMPLETE? ☐ Yes ☒ No If yes, identify the completed portion on the drawings you submit and indicate the date activity was completed. DATE: \_\_\_\_\_
11. ESTIMATED BEGIN CONSTRUCTION DATE: January 2010
12. ESTIMATED END CONSTRUCTION DATE: January 2012
13. HAS A PERMIT BEEN RECEIVED FROM THE US ARMY, CORPS OF ENGINEERS? ☐ Yes ☒ No If yes, attach a copy of that permit.
14. THE APPLICANT MUST ADDRESS PUBLIC NOTICE:
- (a) PUBLIC NOTICE HAS BEEN GIVEN FOR THIS PROPOSAL BY THE FOLLOWING MEANS:
- X Public notice in newspaper having greatest circulation in area (provide newspaper clipping or affidavit)
- \_\_\_\_\_ Adjacent property owner(s) affidavits (Contact Division of Water for requirements.)
- (b) \_\_\_\_\_ I REQUEST WAIVER OF PUBLIC NOTICE BECAUSE:
- \_\_\_\_\_
- \_\_\_\_\_ Contact Division of Water for requirements.
15. I HAVE CONTACTED THE FOLLOWING CITY OR COUNTY OFFICIALS CONCERNING THIS PROJECT:
- Greg Pruitt, County Judge Executive, Hickman County Fiscal Court
- \_\_\_\_\_ Give name and title of person(s) contacted and provide copy of any approval city or county may have issued.
16. LIST OF ATTACHMENTS: Mitigation plan (also submitted to US Army Corps of Engineers); Zip file containing
- \_\_\_\_\_ List plans, profiles, or other drawings and data submitted. Attach a copy of a 7.5 minute USGS topographic map clearly showing the project location.
- \_\_\_\_\_ flood study report, appendices with HEC-RAS output, and program files for HEC-RAS.
17. I, BTR (owners initials) CERTIFY THAT THE OWNER OWNS OR HAS EASEMENT RIGHTS ON ALL PROPERTY ON WHICH THIS PROJECT WILL BE LOCATED OR ON WHICH RELATED CONSTRUCTION WILL OCCUR (for dams, this includes the area that would be impounded during the design flood).
18. REMARKS: \_\_\_\_\_

I hereby request approval for construction across or along a stream as described in this application and any accompanying documents. To the best of my knowledge, all the information provided is true and correct.

SIGNATURE: \_\_\_\_\_

Owner or Agent signature. (If signed by Agent, a Power of Attorney should be attached.)

DATE: 12/28/09

SIGNATURE OF LOCAL FLOODPLAIN COORDINATOR: \_\_\_\_\_

Permit application will be returned to applicant if not properly endorsed by the local floodplain coordinator.

DATE: 12/2/09

SUBMIT APPLICATION AND ATTACHMENTS TO:

Floodplain Management Section  
Division of Water  
200 Fair Oaks Lane  
Frankfort, KY 40601

## STATEMENT

THE HICKMAN COUNTY GAZETTE  
P.O. BOX 200, HWY. 51 SOUTH  
CLINTON, KY 42031

PHONE: 270-653-3381

Box 2

Jacob Purchase Foundation  
1000 Commonwealth Drive  
Mayfield KY 42066

AMOUNT OF  
REMITTANCE  
\$

PLEASE TEAR OFF AND MAIL TOP PORTION WITH REMITTANCE

	DATE	REF.	DESCRIPTION	CHARGES	✓	CREDITS	BALANCE
FWD			PREVIOUS BALANCE				
1	11-18-9	Public Notice	2x2 1/2 Ad	27 50			27 50
2	11-25-9	Public Notice	2x2 1/2 Ad	27 50			55 00
3	12-19	Public Notice	2x2 1/2 Ad	27 50			82 50
4							
5							
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11							
12							

PLEASE ORDER FROM McBEE REORDER EXPRESS 1 800 662-2331  
FORM NO. 200S-1 G011001598

PLEASE PAY LAST AMOUNT SHOWN IN THIS COLUMN →

2% SERVICE CHARGE WILL BE ADDED AFTER 30 DAYS

#### PUBLIC NOTICE

Notice is hereby given that the KY Dept of Fish and Wildlife Resources has filed an application with the KY Energy and Environment Cabinet to restore a portion of Obion Creek and Little Joe Creek, a tributary of Obion Creek, adjacent to KY-307 near Beulah, KY. The work includes relocation of the stream channels and installation of in-stream habitat along 4,900 ft. of Obion Creek and 1,900 ft of Little Joe Creek (restored lengths). The work will be conducted on properties owned by the KY State Nature Preserve Commission east of KY-307, and the KY Dept of Fish and Wildlife Resources west of KY-307. Any comments or objections concerning this application shall be directed to Kentucky Division of Water, Water Resources Branch, 200 Fair Oaks Ln, Frankfort, KY 40601. Phone (502)564-3410.

2x2 1/2

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11-25  
12-2